IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No. 4865
Pantoliano *et al.*	Art Unit: 1627
Appl. No. 10/057,940	Examiner: To Be Assigned
Filed: January 29, 2002	Atty. Docket: 1503.0310002
For: **High Throughput Method For Functionally Classifying Proteins Identified Using a Genomics Approach**	

Letter to PTO Draftsman: Submission of Formal Drawings

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are 20 sheet(s) of formal drawings with Figures 1A, 1B, 2- 4, 5A, 5B, 5C, 5D, 6A - 6D, 7A- 7D, and 8-12 corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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Date: May 3, 2002

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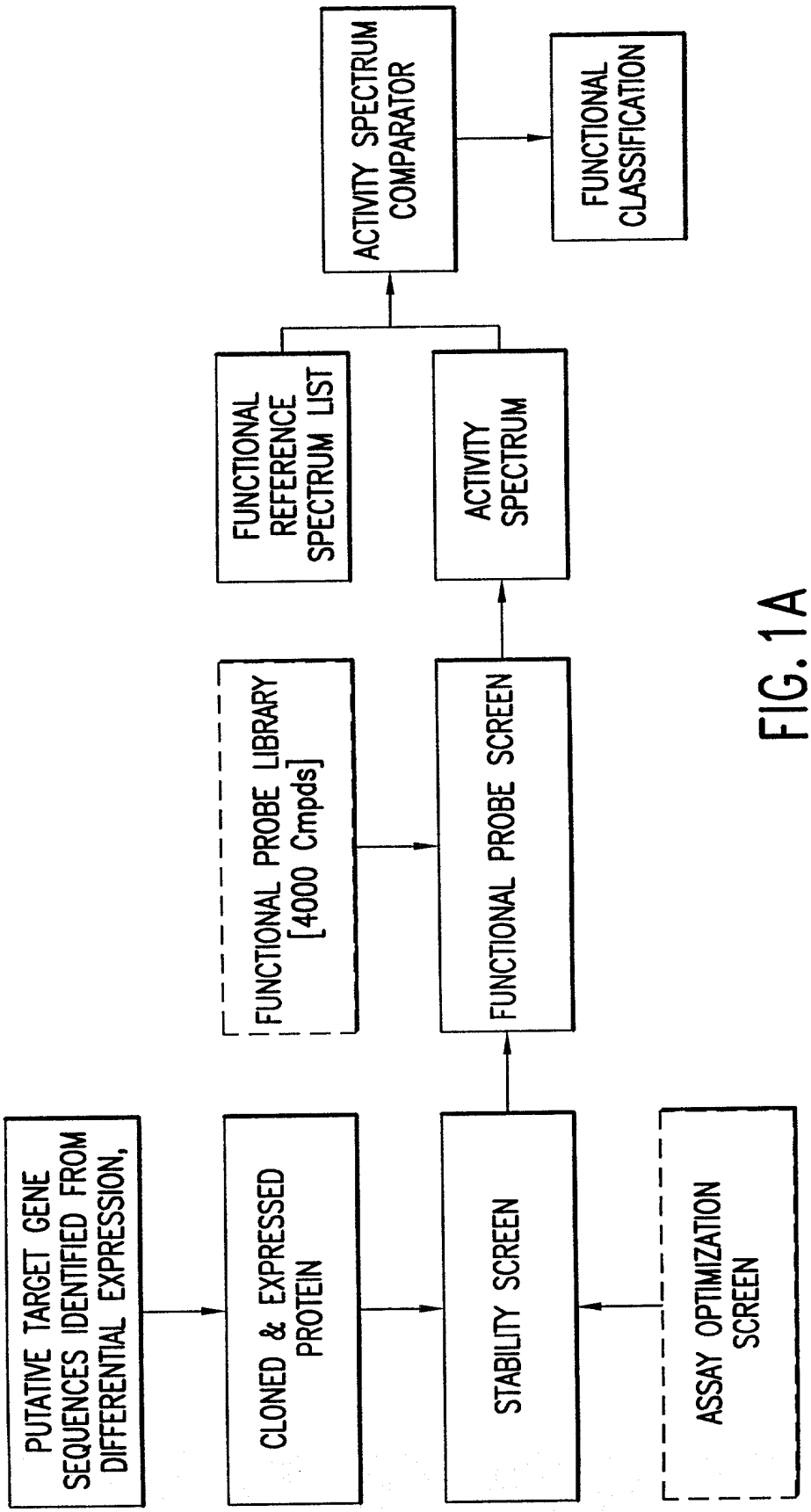

FIG. 1A

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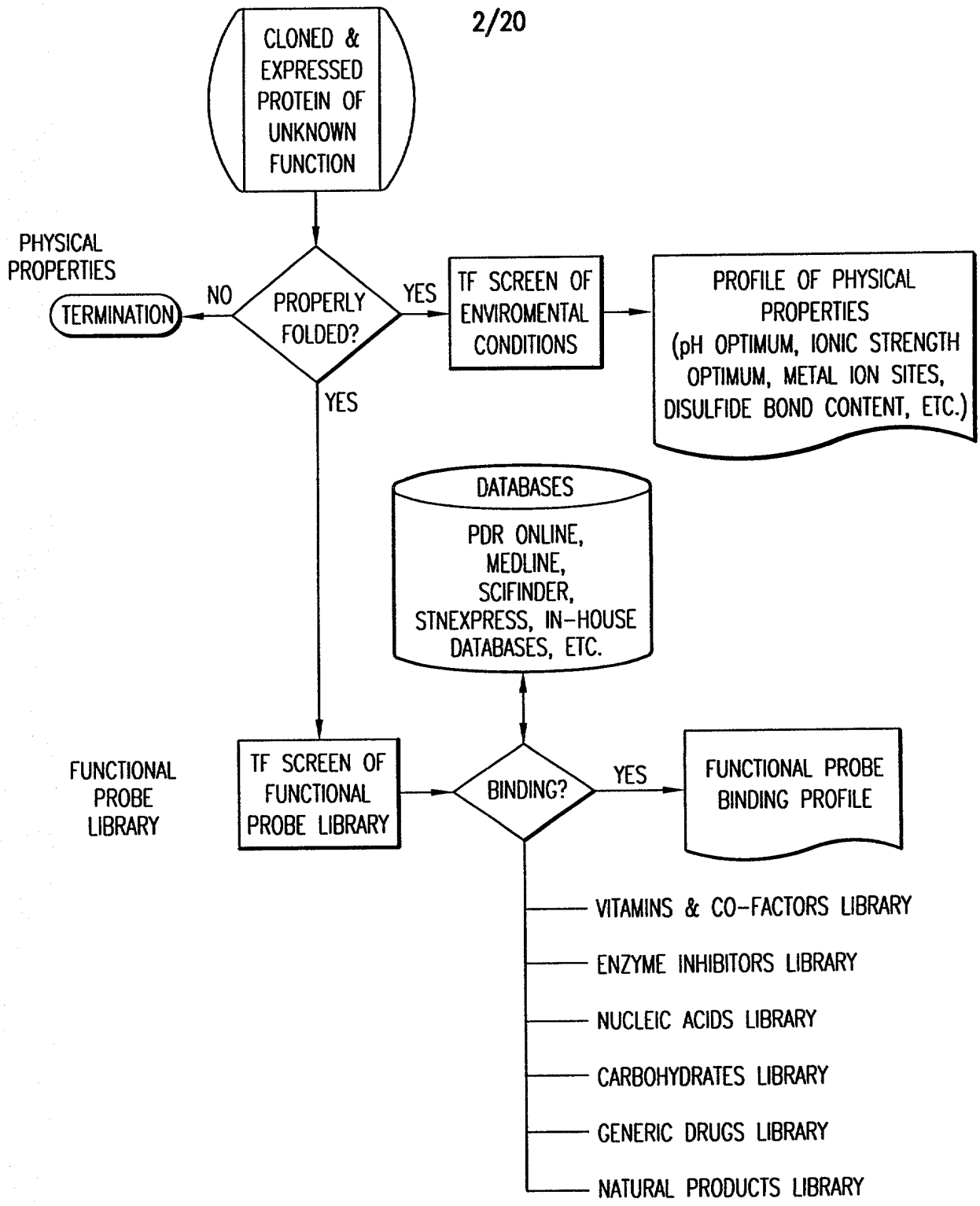

FIG. 1B

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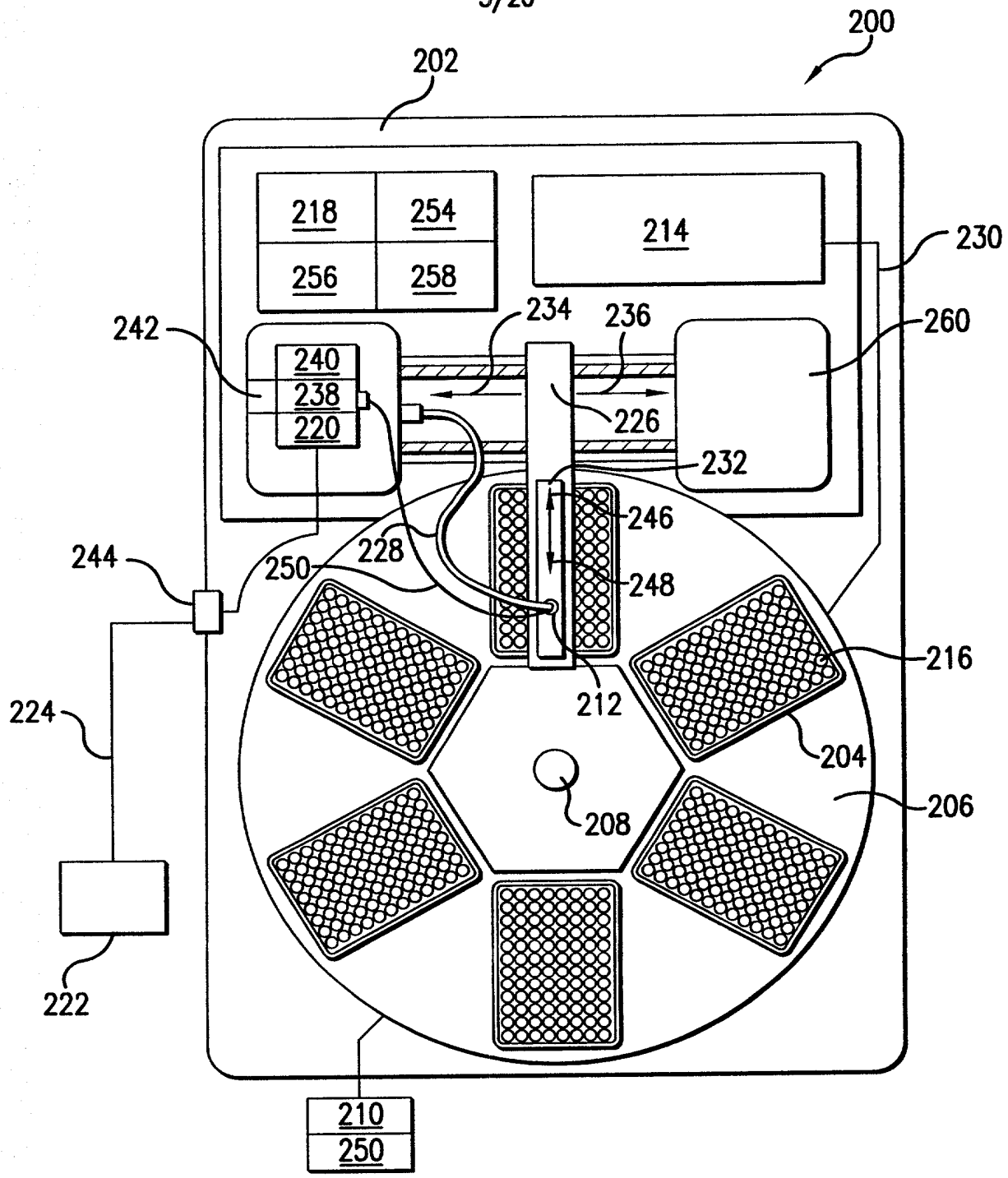

FIG.2

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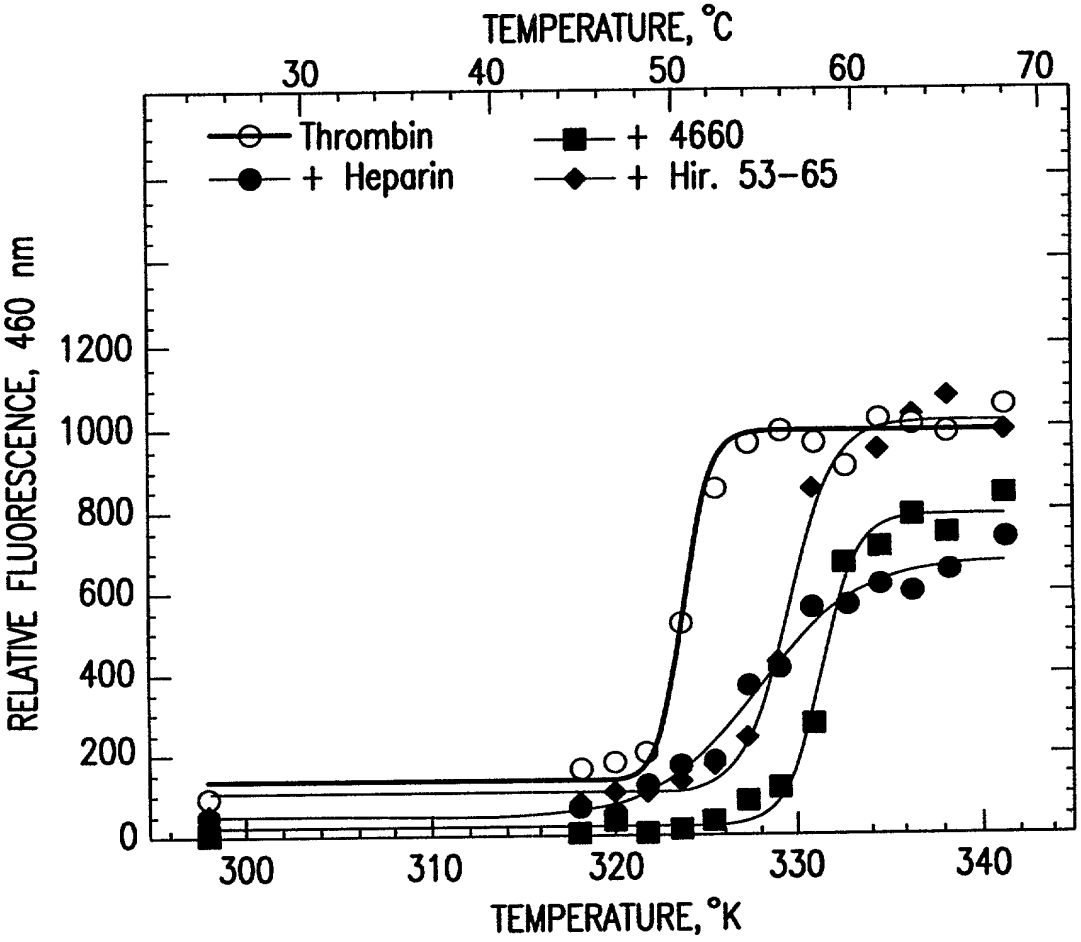

FIG.3

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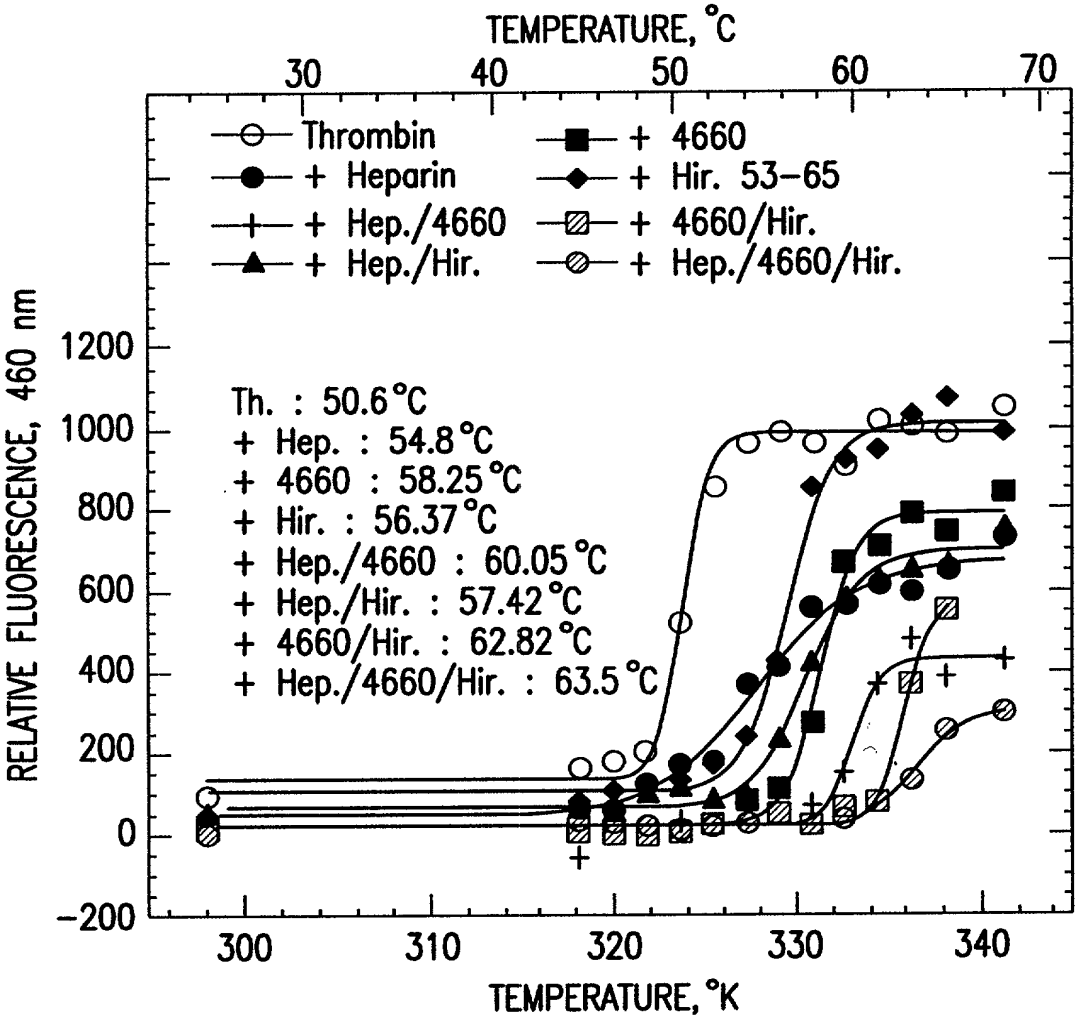

FIG.4

	1	2	3	4	5	6
A	1. 0.1 M Na IODIDE?	2. 0.01 M L-CYSTEINE	3. 0.01 M EDTA	4. 0.01 M BETA-NICOTINAMIDE ADENOSINE DINUCLEOTIDE	5. 0.01 M ADENOSINE-5'-TRIPHOSPHATE DISODIUM SALT	6. 3% D(+)-GLUCOSE MONOHYDRATE
B	13. 3% 1,6-DIAMINOHEXANE	14. 3% 1,8-DIAMINOOCTANE	15 0.1 M GLYCINE	16. 0.01 M Glycyl-glycyl-glycin	17. 0.01 M HEXAMINECOBALT TRICHLORIDE	18. 0.01 M TAURINE
C	25. 0.01 M Ba CHLORIDE	26. 0.01 M Cd CHLORIDE	27. 0.01 M CA CHLORIDE DIHYDRATE	28. 0.01 M COBALTOUS CHLORIDE	29. 0.01 M CUPRIC CHLORIDE DIHYDRATE	30. 0.01 M Mg CHLORIDE HEXAHYDRATE
D	37. 3% ETHELENE GLYCOL	38. 3% GLYCEROL	39. 3% 1,6 HEXANEDIOL	40. 3% ISOPROPANOL	41. 3% METHANOL	42. 3% MPD

CONTINUED ON FIG.5B

CONTINUED ON FIG.5C

FIG. 5A

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Title: High Throughput Method for Funcionally Classifying Proteins Identified Using a Genomics Approach

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	7	8	9	10	11	12
A	7. 3% D(+)-SUCROSE	8. 3% ZYLITOL	9. 0.01 M SPERMIDINE	10. 0.01 M SPERMINE TETRA-HCl	11. 3% 6-AMINOCAPROIC ACID	12. 3% 1,5-DIAMINOPENTAN di-HCl
B	19. 0.01 M BETAINE MONOHYDRATE	20. 0.5% POLYVINYLPYRROLIDONE	21. 0.3 M NON-DETERGENT SULFO-BETAINE 195	22. 0.2 M NON-DETERGENT SULFO-BETAINE 201	23. 3% DIMETHYL SULFOXIDE	24. 0.01 M PHENOL
C	31. 0.01 M Mn (11) CHLORIDE TETRAHYDRATE	32. 0.01 M STRONTIUM CHLORIDE I	33. 0.01 M YTTRIUM CHLORIDE HE;	34. 0.01 M ZINC CHLORIDE?	35. 3% DIOXANE	36 3% ETHANOL
D	43. 5% PEG 400	44. 0.01 M TRIMETHYLAMINE HCl	45. 0.1 M GUANIDINE HCl	46. 0.01 M UREA	47. 1.5% 1,2,3-HEPTANETRIOL	48. 2% BENZAMIDINE HCl

CONTINUED FROM FIG.5A

CONTINUED ON FIG.5D

FIG.5B

	1	2	3	4	5	6

CONTINUED FROM FIG.5A

E	49. 0.1 M EGTA	50. 0.1 M NH4 SULFATE	51. 0.5 M NH4 SULFATE	52. 0.1 M NH4 PHOSPHATE	53. 0.1 M NH4 ACETATE	54. 0.1 M MG SULFATE
F	61. 0.5 M Li SULFATE	62. 0.1 M Ni SULFATE	63. 0.1 M K TARTATE	64. 0.1 M K CHLORIDE	65. 0.5 M K CHLORIDE	66. 0.1 M K PHOSPHATE
G	73. 0.1 M Na PHOSPHATE	74. 0.5 M Na PHOSPHATE	75. 0.1 M Na CACODYLATE	76. 0.01 M di-Na PYROPHOSPHATE	77. 0.1 M Na TRI-METAPHOSPHATE	78. 0.1 M TRI-POLYPHOSPHATE
H	85. 0.1 M ARGININE	86. 0.01 M GLUTATHIONE	87. 0.1 M 3-NITROBENZENESULF ACID	88. 0.01 M DHDT	89. 0.01 M CYCLOHEXYLAMINE	90 0.01 M PIPERIDINE

CONTINUED ON FIG.5D

FIG.5C

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	7	8	9	10	11	12
	CONTINUED FROM FIG.5B					
E	55. 0.5 M Mg SULFATE	56. 0.1 M Mg CHLORIDE	57. 0.1 M Mg ACETATE	58. 0.1 M Li CHLORIDE	59. 0.5 M Li CHLORIDE	60. 0.1 M Li SULFATE
F	CONTINUED FROM FIG.5A	67. 0.2 M K SULFATE	68. 0.05 M K SULFATE	69. 0.1 M Na FORMATE	70. 0.1 M Na ACETATE	71. 0.1 M Na CHLORIDE	72. 0.1 M Na CITRATE
G		79. 0.1 M OXALATE	80. 0.1 M MALONATE	81. 0.1 M SUCCINATE	82. 0.1 M Zn ACETATE	83. 0.1 M SORBITOL	84. 0.1 M Ca CHLORIDE
H		91 0.01 M MORPHOLINE	92 0.005 M BENZOIC ACID	93 0.01 M BENZENESULFONIC ACID	94. 0.01 M SULFOBENZOIC ACID	95. CONTROL?	96. CONTROL?

FIG.5D

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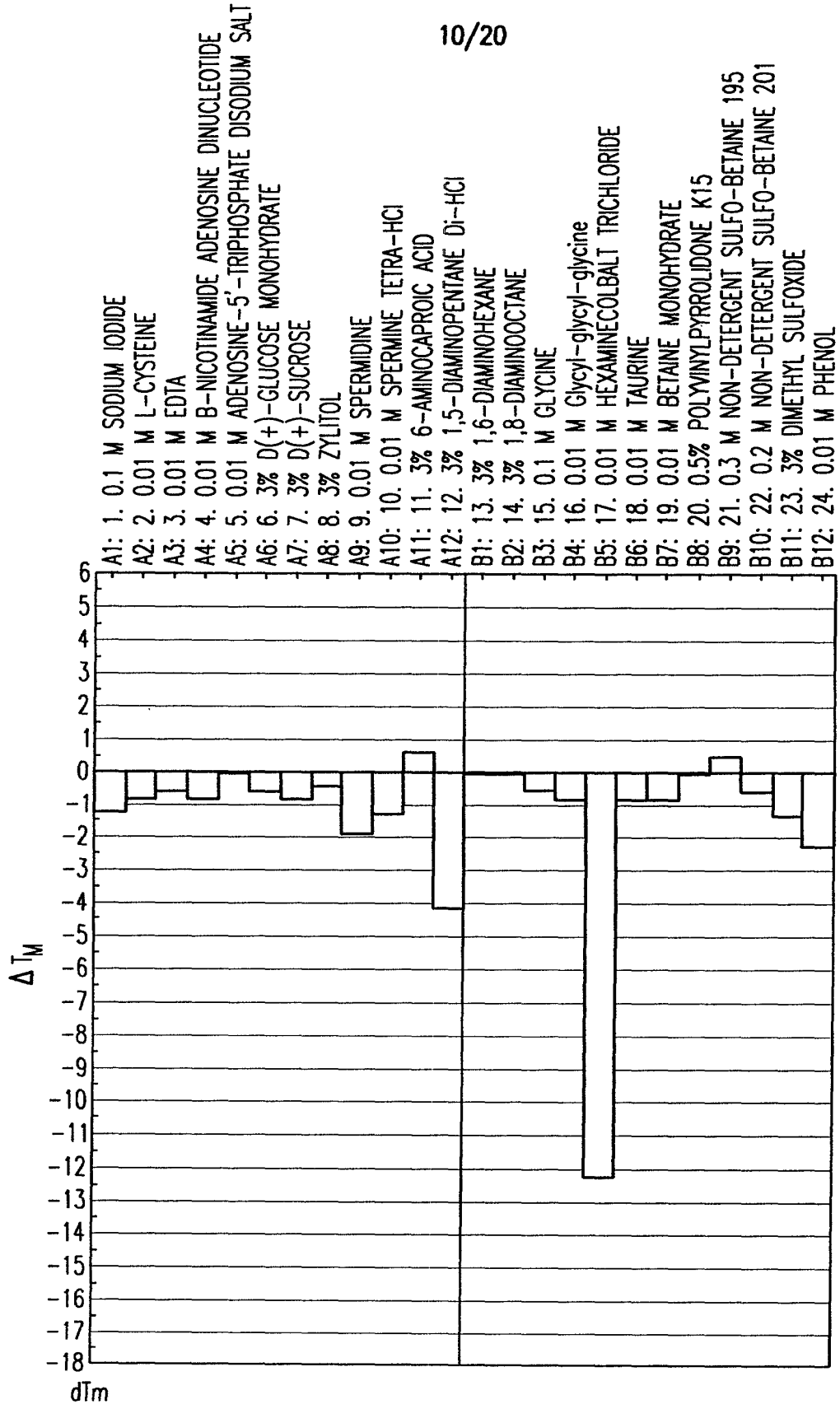

FIG. 6A

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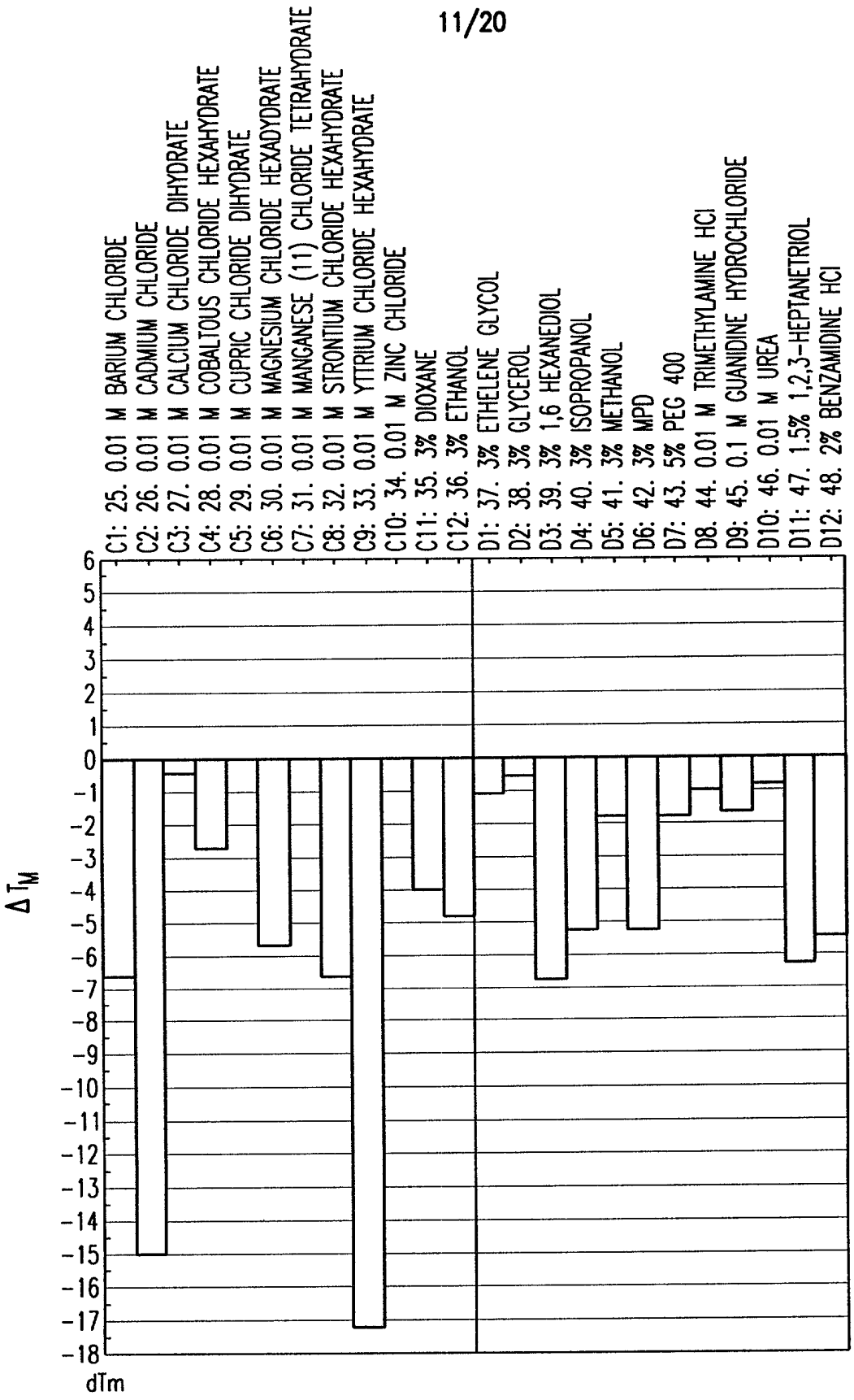

FIG.6B

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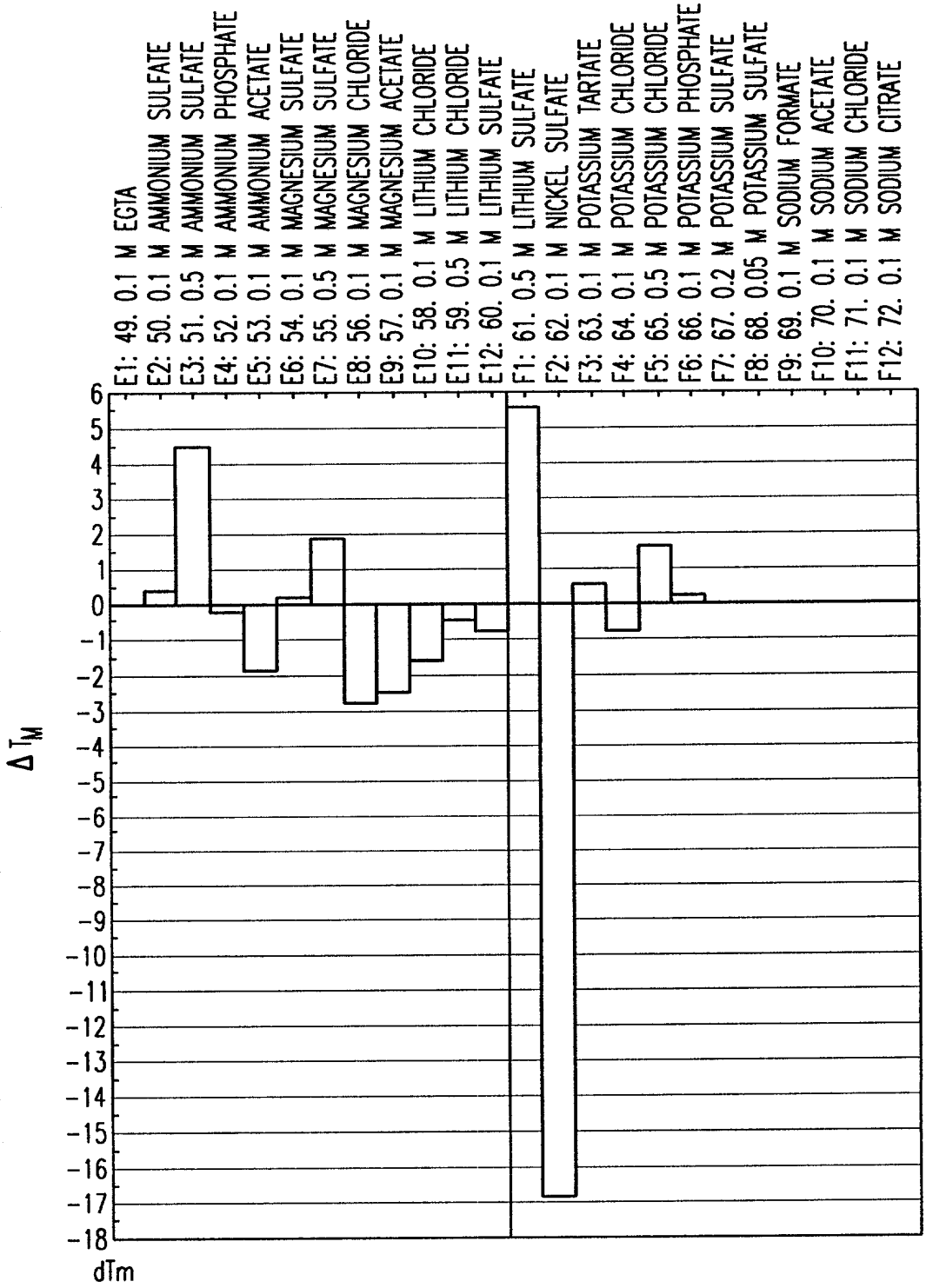

FIG.6C

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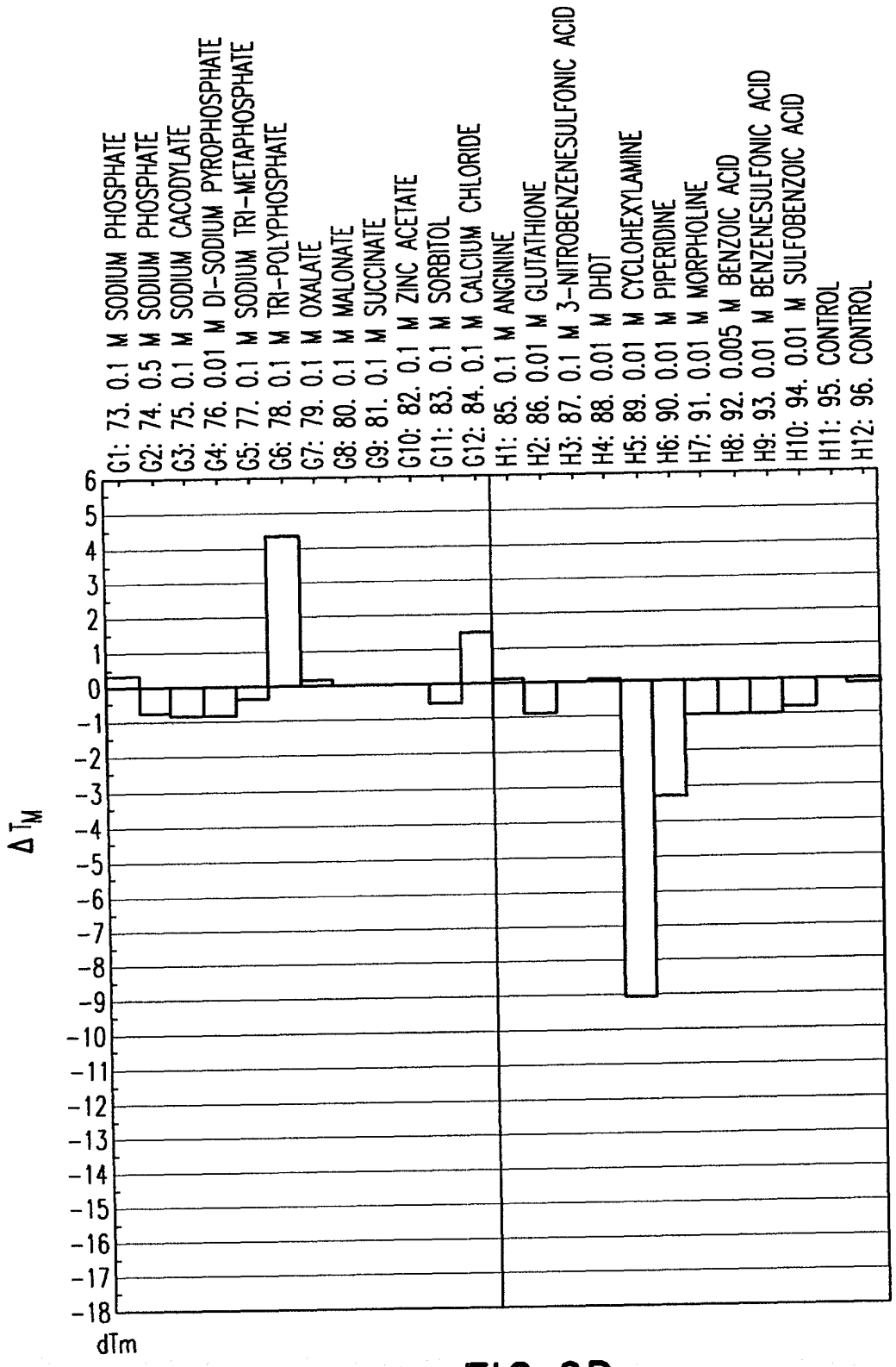

FIG.6D

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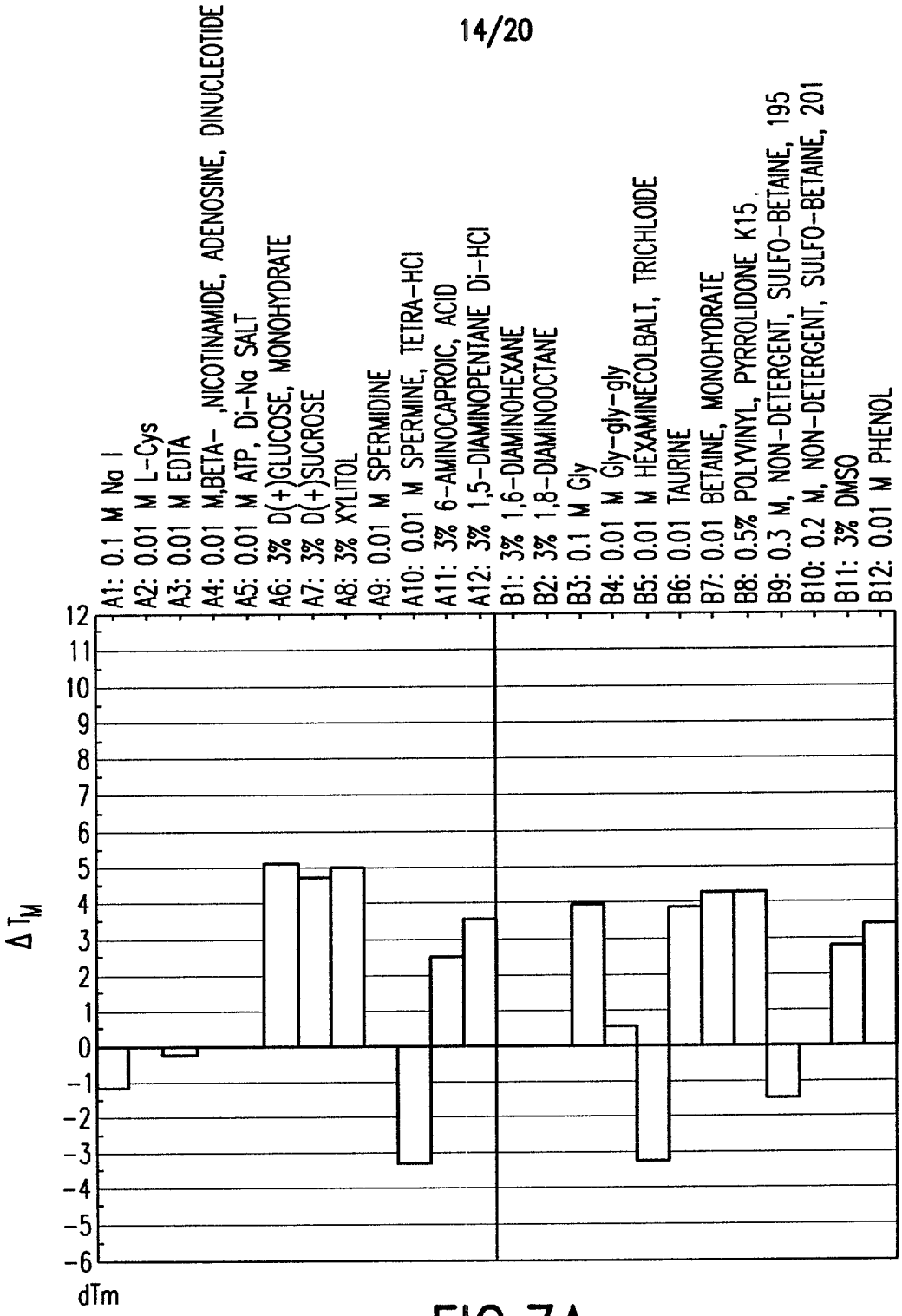

FIG.7A

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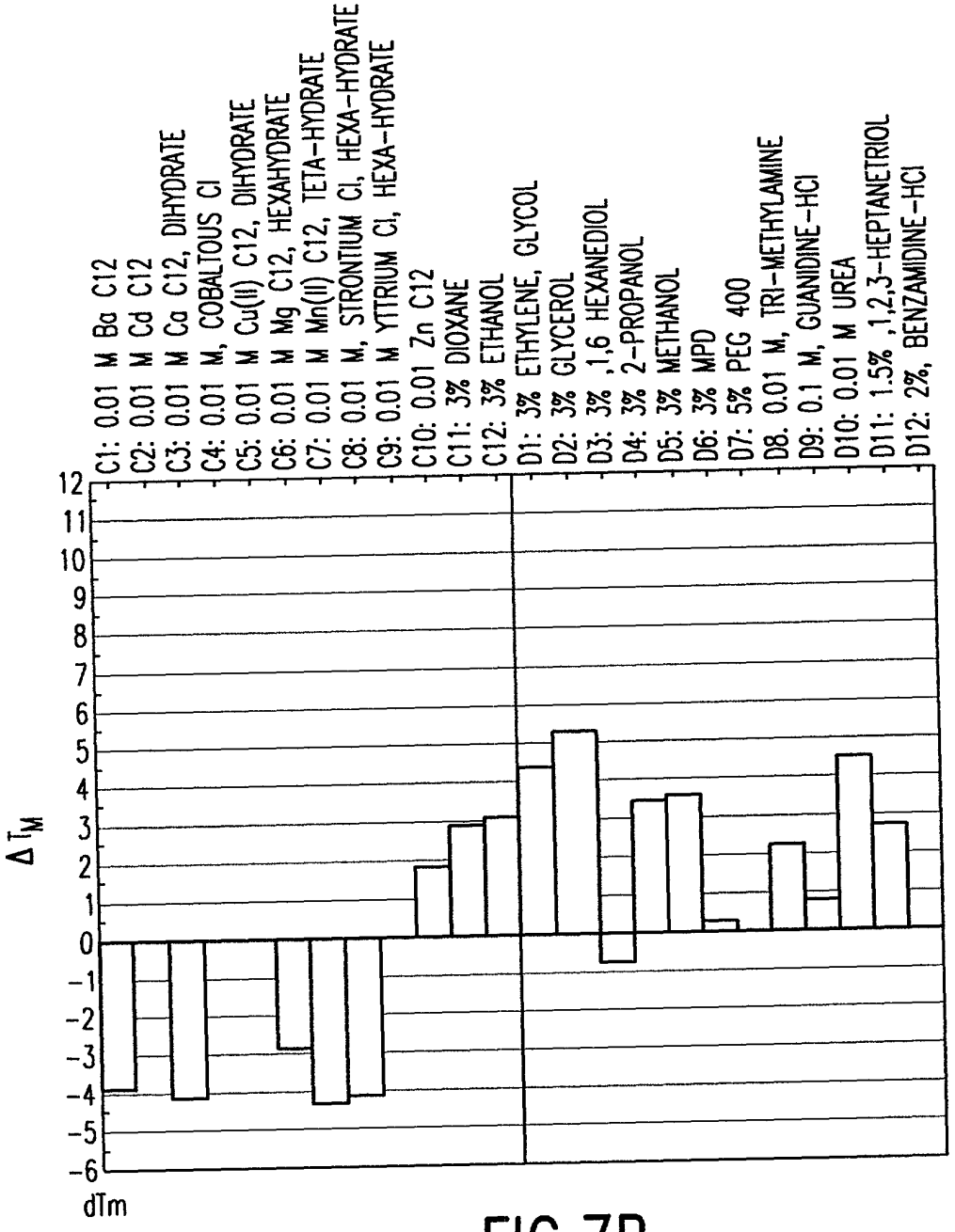

FIG.7B

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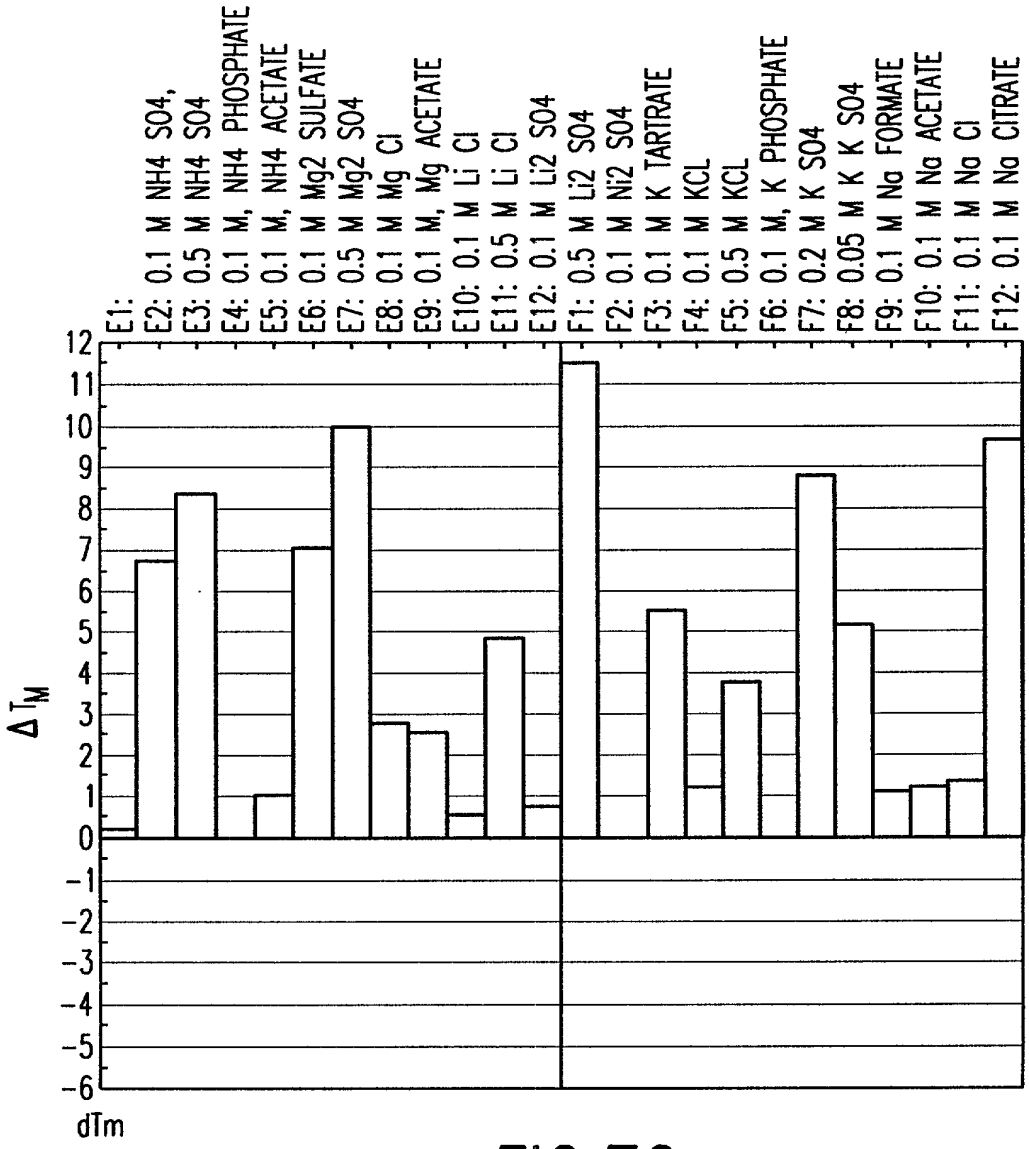

FIG.7C

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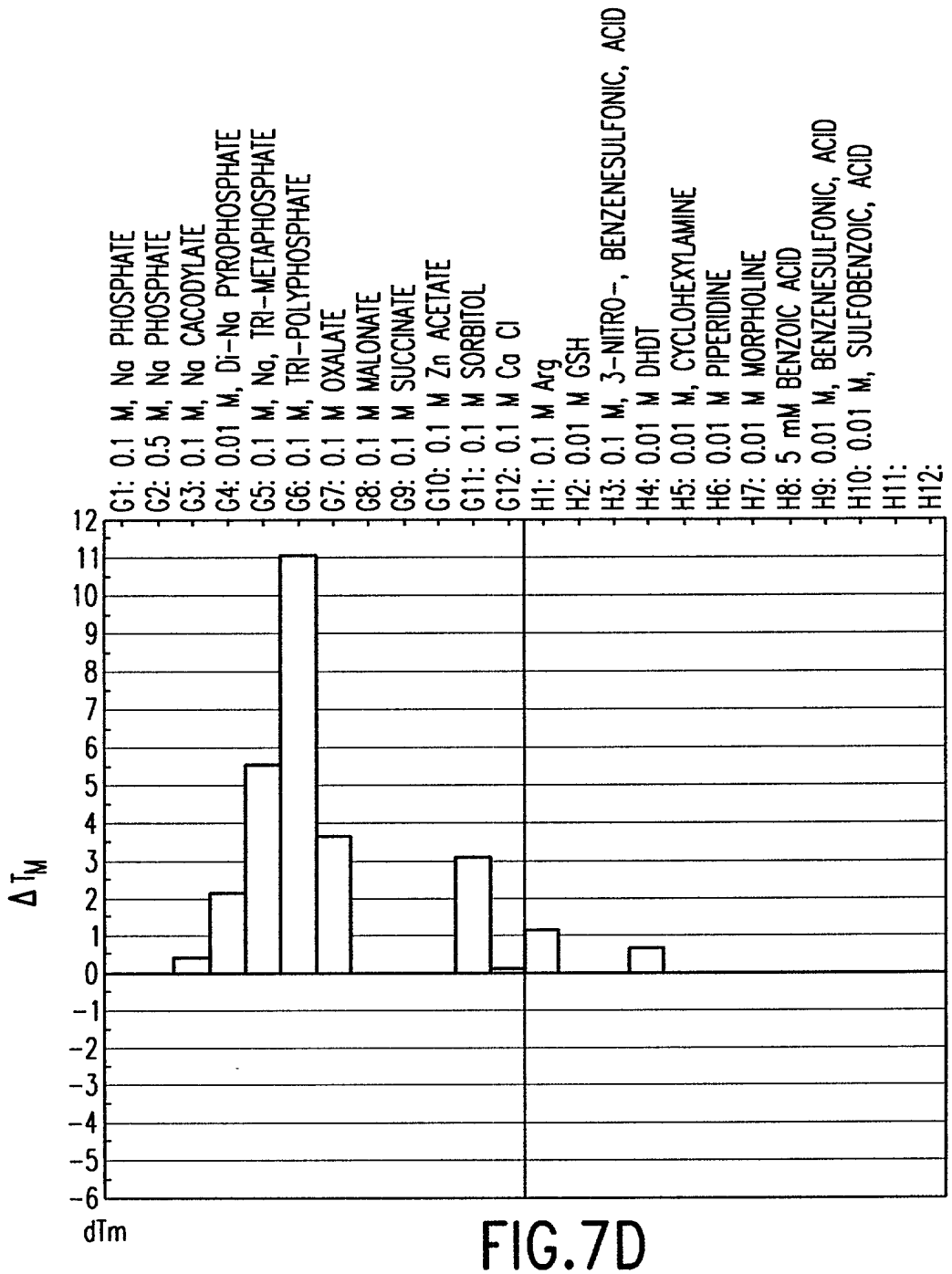

FIG.7D

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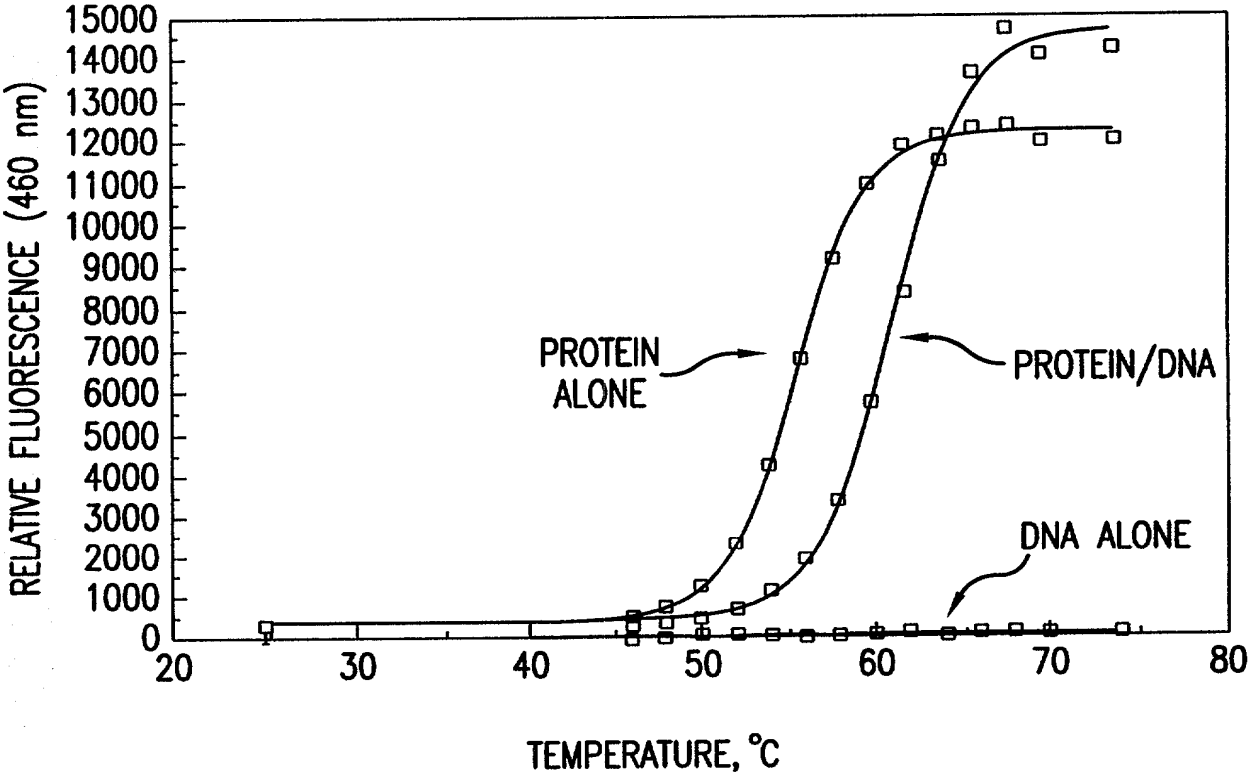

FIG.8

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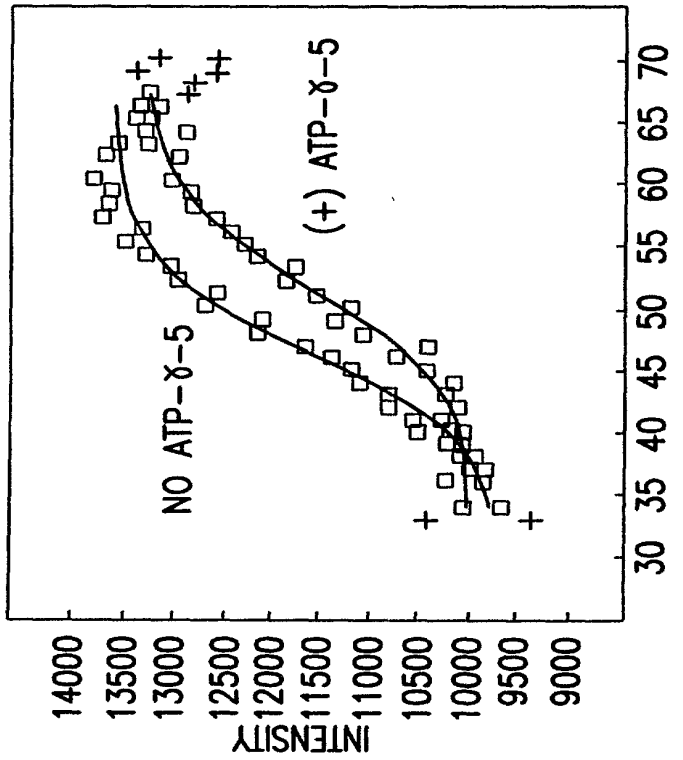

FIG.10

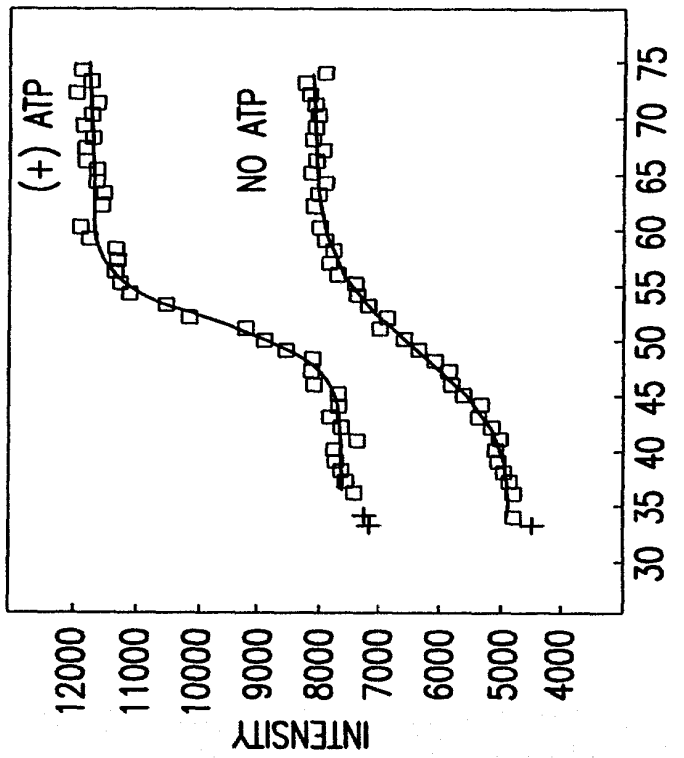

FIG.9

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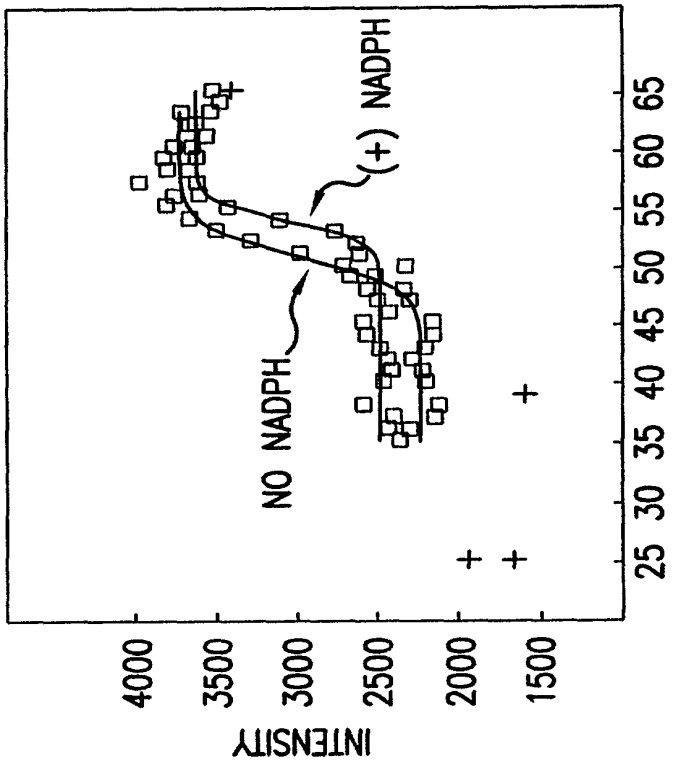

FIG.12

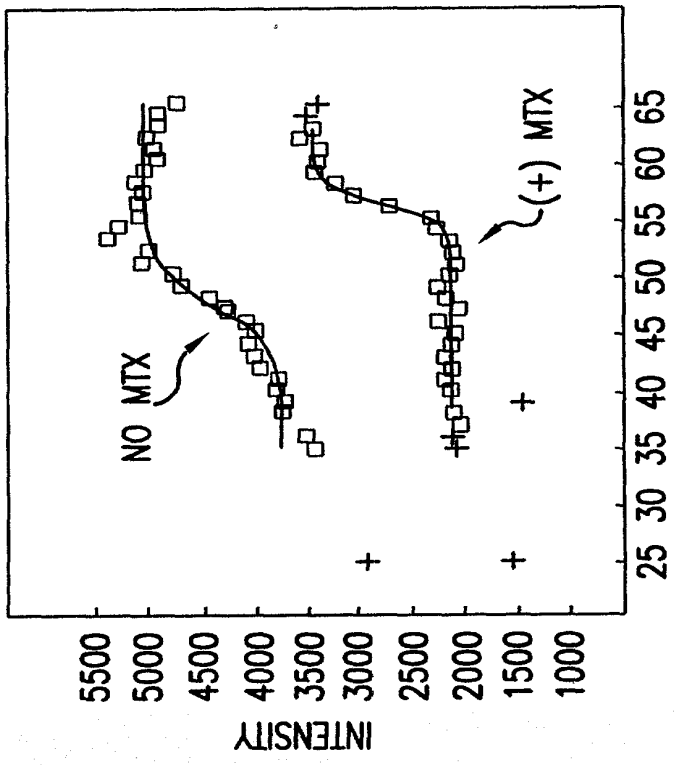

FIG.11